

SEQUENCE LISTING

<110> O'Connor, Michael

<120> Immunological Assay for Spongiform Encephalopathies

<130> 50002US

<140> 09/147,761

<141> 1999-03-03



<150> PCT/IE98/00007

<151> 1998-02-06

<160> 5

<170> PatentIn Ver. 2.1

<210> 1

<211> 45

<212> PRT

<213> Artificial Sequence

<220>

<221> UNSURE

<222> (45)

<223> any amino acid

<220>

<223> Description of Artificial Sequence: prion protein
specific synthetic peptide

<400> 1

Met Val Lys Ser His Ile Gly Ser Trp Ile Leu Val Leu Phe Val Val
1 5 10 15

Ala Met Trp Ser Asp Val Gly Leu Cys Lys Lys Arg Pro Lys Pro Gly
20 25 30

Gly Gly Trp Asn Thr Gly Gly Ser Arg Tyr Pro Gly Xaa
35 40 45

<210> 2

<211> 43

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:prion protein
specific synthetic peptide

<400> 2

Gly Ser Pro Gly Gly Asn Arg Tyr Pro Pro Gln Gly Gly Gly Trp
1 5 10 15

Gly Gln Pro His Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp
20 25 30

Gly Gln Pro His Gly Gly Gln Gly Gln Pro
35 40

<210> 3

<211> 43

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:prion protein
specific synthetic peptide

<400> 3

Gly Gly Gly Gly Trp Gly Gln Gly Gly Ser His Ser Gln Trp Asn Lys
1 5 10 15

Pro Ser Lys Pro Pro Lys Thr Asn Met Lys His Val Ala Gly Ala Ala
20 25 30

Ala Gly Ala Val Val Gly Gly Leu Gly Gly Tyr
35 40

<210> 4

<211> 46

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:prion protein
specific synthetic peptide

<400> 4

Met Leu Gly Ser Ala Met Ser Ser Pro Leu Ile His Phe Gly Asn Asp
1 5 10 15

Tyr Glu Asp Arg Tyr Thr Arg Glu Asn Met Tyr Arg Tyr Pro Asn Gln
20 25 30

Val Tyr Tyr Arg Pro Val Asp Arg Tyr Ser Asn Gln Asn Asn
35 40 45

<210> 5

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:prion protein
specific synthetic peptide

<220>

<221> UNSURE

<222> (1)

<223> one or more amino acid(s); some may be missing.

<220>

<221> VARIANT

<222> (2)

<223> Met, Leu, or Phe

<220>

<221> VARIANT

<222> (5)

<223> Met or Val

<220>

<221> VARIANT

<222> (11)

<223> Ala or absent

<220>

<221> VARIANT

<222> (31)

<223> Leu, Ile, or Met

<220>

<221> VARIANT

<222> (32)

<223> Leu, Ile, or Met

<220>

<221> UNSURE

<222> (33)

<223> one or more amino acid(s); some may be missing.

<400> 5

Xaa Xaa Lys His Xaa Ala Gly Ala Ala Ala Xaa Gly Ala Val Val Gly
1 5 10 15

Gly Leu Gly Gly Tyr Met Leu Gly Ser Ala Met Ser Arg Pro Xaa Xaa
20 25 30

Xaa